

# CASE STUDY

## Highway Patching

### Port Marsden Highway

#### **FLEXI-C-MENT**



PRODUCT FLEXI-C-MENT CO POLYMER SOIL CEMENT

ENGINEER WHANGAREI DISTRICT COUNCIL

CLIENT WHANGAREI DISTRICT COUNCIL

CONTRACTOR HARRISON CONTRACTORS

LOCATION PORT MARSDEN HIGHWAY, NORTHLAND, NZ

WHERE SCIENCE



MEETS THE EARTH

## PROJECT

Port Marsden Highway was constructed to take the heavy truck and trailers loaded with logs to Marsden Point. Under the weight of these trucks the pavement started to unravel with potholes and other defects.

Flexi-C-Ment was used as a repair product to extend the life of the pavement under traffic load while waiting for a top coat chipseal.

## DESIGN

Grade lightly then roll and compact, bringing the material up to a slurry using the polymer

## INSTALLATION

Grade and leave the pavement open

Before final compaction spray down water/polymer mix, compact and roll with vibes to create a slurry on top

Ratio for mixing – 250ml to 750 water

1 ltr per sqm

## THE PRODUCT PROVIDED THE BENEFITS TO THE PROJECT

- Better adhesion for the top coat
- Improves the time of applying the seal coat
- In some cases can replace the blind coat for chip seal
- Standard construction equipment can be used
- Pavement has remained in excellent condition – 9 years +



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